

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard, Suite 605 • Baltimore Maryland 21230-1719

(410) 537-3315 • 1-800-633-6101 • <http://www.mde.state.md.us>

SOLID WASTE MANAGEMENT INSPECTION FORM – ALL SOLID WASTE ACCEPTANCE FACILITIES

THIS FORM CONTAINS CONDITIONS APPLICABLE TO ALL SOLID WASTE ACCEPTANCE FACILITIES.

IT SHOULD BE USED IN CONJUNCTION WITH ANOTHER INSPECTION FORM DESIGNED FOR THE SPECIFIC TYPE OF FACILITY BEING INSPECTED.

GENERAL INFORMATION

Site Name: Site B Municipal Landfill (LF) Vertical Expansion Date: TUES. 3/22/11 Time In: 11:23AM Time Out: 3:50PM
 Location: 9031 Reichs Ford Road, Frederick 21704 County: Frederick
 Permit #: 2003-WMF-0582 Permittee: Board of County Commissioners of Frederick Co.
 Field Conditions: Dump, some puddles Weather: Presently sunny, occ. breeze to S and SE 465°

STANDARD CONDITIONS

- | | Y | N/A | N |
|---|-------------------------------------|-------------------------------------|---|
| 1. Facility is under direct supervision of a responsible person at all times. | <input checked="" type="checkbox"/> | | |
| 2. All incoming loads are inspected for unacceptable wastes. | <input checked="" type="checkbox"/> | | |
| 3. Unacceptable wastes are removed and disposed of properly. | <input checked="" type="checkbox"/> | | |
| 4. Personnel and equipment are adequate for proper construction or operation of the facility. | <input checked="" type="checkbox"/> | | |
| 5. Essential equipment is repaired or replaced within 24 hours. | <input checked="" type="checkbox"/> | | |
| 6. All-weather access roads are provided to disposal area and to any required monitoring devices. | <input checked="" type="checkbox"/> | | |
| 7. Tracking of soil, ash, or waste onto public roads is prevented. | <input checked="" type="checkbox"/> | | |
| 8. Vehicles are cleaned if needed to prevent tracking. | <input checked="" type="checkbox"/> | | |
| 9. Public access to facility is controlled. | <input checked="" type="checkbox"/> | | |
| 10. Gates are locked when facility is unattended. | <input checked="" type="checkbox"/> | | |
| 11. Pollution, public health hazards, and nuisances are prevented. | <input checked="" type="checkbox"/> | | |
| 12. Wastes are not burned, except as authorized. | | <input checked="" type="checkbox"/> | |
| 13. Fire control and prevention measures are in place. | <input checked="" type="checkbox"/> | | |
| 14. Fuel storage and dispensing areas free of spills. | <input checked="" type="checkbox"/> | | |
| 15. Fuel spills, if any, are cleaned up immediately. | <input checked="" type="checkbox"/> | | |
| 16. Dispersion of dust is controlled. | <input checked="" type="checkbox"/> | | |
| 17. Dust control agents other than water are not used without written approval from MDE. | <input checked="" type="checkbox"/> | | |
| 18. Blowing litter is controlled. | <input checked="" type="checkbox"/> | | |

STANDARD CONDITIONS

- | | Y | N/A | N |
|--|-------------------------------------|-------------------------------------|---|
| 19. For new facilities or new construction, a construction schedule is submitted to MDE within 3 months of permit issuance. | | <input checked="" type="checkbox"/> | |
| 20. No material modification to the facility or operating plans has been made without written approval. | <input checked="" type="checkbox"/> | | |
| 21. Records of required monitoring activities and results are kept for 5 years in an approved place. | <input checked="" type="checkbox"/> | | |
| 22. Any required pollution control systems, including sediment and stormwater basins, are installed and maintained in accordance with approved plans and applicable regulations. | <input checked="" type="checkbox"/> | | |
| 23. Sediment and stormwater basins are cleaned out when required. | <input checked="" type="checkbox"/> | | |
| 24. Any required monitoring wells or other pollution monitoring devices are installed and maintained in accordance with approved plans and regulations. | <input checked="" type="checkbox"/> | | |
| 25. Leachate is not discharged, except to sanitary sewer lines, without authorization from MDE. | <input checked="" type="checkbox"/> | | |
| 26. If any point source discharge of pollutants exists, it is permitted. | <input checked="" type="checkbox"/> | | |
| 27. Any pollutants from the handling of wastes or spills are collected and disposed of properly. | <input checked="" type="checkbox"/> | | |
| 28. Upon permanent cessation of operations, facility is closed in a manner that prevents erosion, health and safety hazards, nuisances, and pollution. | | <input checked="" type="checkbox"/> | |
| 29. Upon permanent closure, all solid wastes not properly disposed of are transferred to a permitted facility for proper disposal. | | <input checked="" type="checkbox"/> | |

See Report of Observations and Other Checklist

Items continuing in noncompliance from previous inspection: _____

Items corrected since previous inspection: _____ Compliance assistance items: _____

Comments: _____

INSPECTOR

NAME JAMES P. WAGNER

TITLE REGIONAL INSPECTOR PHONE (410) 537-3315

SIGNATURE James P. Wagner

PERMITTEE'S REPRESENTATIVE

NAME Daniel Fowler

TITLE Asst Super. PHONE 301 600 3041

SIGNATURE Daniel Fowler



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SOLID WASTE MANAGEMENT INSPECTION FORM – LANDFILL OPERATIONS

GENERAL INFORMATION

Site Name: Site B Municipal Landfill (LF) Vertical Expansion Date: TUES. 3/22/11 Time In: 11:23AM Time Out: 3:50PM
 Location: 9031 Reichs Ford Road, Frederick 21704 County: Frederick
 Permit #: 2003-LMF-0582 Permittee: Board of County Commissioners of Frederick Co.
 Field Conditions: Damp, some puddles Weather: Partly sunny, occ breezy to S and SE, ~65°

LANDFILL OPERATIONS

- | | Y | N/A | N |
|--|-------------------------------------|-------------------------------------|--------------------------|
| 1. A statement of days and hours of operation is posted at the facility entrance. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. A sign at the gate notifies passersby to call MDE if the red light alarm from leachate collection system is turned on. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Solid waste unloading is restricted to the working face, or other areas as approved (e.g., household dropoff areas). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. If required, a third-party waste checker is present. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. If household dropoff area or other approved alternative acceptance area is in place, it is used and maintained in accordance with approved plans. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. The current operating cell is: <u>#3 and #2</u> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Bulk liquids are not accepted. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Containerized liquids, except for household wastes, are not accepted. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. If needed, wastes are tested for free liquids using the EPA paint filter method. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. If sewage sludge is used, handled, stored, or disposed of, it is done in accordance with a separate sewage sludge permit. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Tires are excluded from burial. <u>SEE COMMENTS</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. If applicable, tires are handled in accordance with scrap tire regulations and license. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Special handling requirements for friable asbestos are complied with. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Loads of separately collected yard waste are not accepted unless for composting or mulching. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. If natural wood waste is being recycled: | | | |
| a. Operation is conducted in accordance with the O&M manual or other approved plans. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Applicable requirements of COMAR 26.04.09 <u>NWW REQUIREMENTS OF THE PERMIT ARE COMPLIED WITH.</u> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. If white goods or refrigerators are accepted, refrigerators are properly removed prior to burial. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Wastes prohibited by permit are not accepted. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Waste is spread in uniform layers. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Waste is compacted to smallest practicable volume. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. Lifts do not exceed 8 feet in height, unless otherwise authorized. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

LANDFILL OPERATIONS

- | | Y | N/A | N |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 21. Daily or periodic cover: | | | |
| a. Is applied within the required time period. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is at least 6 inches thick, if earth is used, or | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Is an approved ADCM or operational variant (TAPP <u>SOMETIMES USED</u>) used in accordance with approved plans. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Covers wastes adequately to control vectors, fires, odors, blowing litter, and scavenging. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Does not contain free liquids or putrescibles, create a dust or odor problem, attract or harbor vectors, or impede compaction. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22. Disease vectors are prevented or controlled. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 23. Grading and drainage: | | | |
| a. Minimizes runoff onto fill area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Prevents ponding and erosion in fill area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Drains water from surface of landfill. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 24. Intermediate cover: | | | |
| a. Is applied within 1 month of lift completion. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is at least 1 foot thick, if earth is used, or | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Is an approved operational variant used in accordance with approved plans. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. Covers wastes completely. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 25. Final cover: | | | |
| a. Is applied within 90 days of area completion. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Is at least 2 feet thick. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Is clean earth. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Covers wastes completely. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 26. Slopes and other areas are stabilized adequately. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Sediment and erosion are controlled adequately. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. Run-on and run-off controls required by 40 CFR Part 258.26 are in place. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Leachate outbreaks are prevented. <u>SEE COMMENTS</u> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 30. If not, leachate outbreaks are controlled. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Leachate is collected, stored, treated, and disposed of in accordance with approved plans. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. Leachate is not discharged, recirculated, or treated on site without prior approval from MDE. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. Scavenging or salvaging is not conducted, except as authorized in approved O&M manual. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 34. Landfill gas and odors are controlled. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 35. Unauthorized traffic and dumping are prevented by artificial or natural barriers. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

See Report of Observations and Other Checklist Items corrected since previous inspection: _____

Items continuing in noncompliance: _____

Compliance assistance items: _____

INSPECTOR

NAME JAMES P. WAGNER
 TITLE REGIONAL INSPECTOR PHONE (410) 537-3315
 SIGNATURE James P. Wagner

PERMITTEE'S REPRESENTATIVE

NAME Daniel Fowler
 TITLE Asst Super PHONE 301 600 3041
 SIGNATURE [Signature]

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LAND MANAGEMENT ADMINISTRATION

Report of Observations

2003-WMF-0582

Case# _____

Type of Inspection/Observations: Solid Waste - Landfill Inspection

Date 3/22/11 ^{TUES.}

Site/Facility Name: Site B Municipal Landfill (LF) Vertical Expansion

Time In: 11:23 AM

Location: 9031 Reichs Ford Road, Frederick 21704 (Frederick County)

Time Out: 3:50 PM

Remarks: (Background) • My last full inspection of the landfill was 2/25/11. I'm back for another routine inspection.

(Observations & Actions) • [Weather today is sunny, ~5°, occ. breeze S and SE.] This morning I checked for off-site odors at several locations E. of the main entrance on Reichs Ford Rd. Near the mail box at # 9370 Reichs Ford Rd. I detected a very slight, occasional garbage odor. The odor is probably originating from Cell 3 which is in close proximity to this location and which was receiving waste for filling at the time I detected the odor (NR: 3 AM). I don't judge this to be a nuisance-level odor (Activity at Cell 3 (NE corner) was high this morning: a lot of garbage was being deposited).

• [See the checklist forms, also] The LF looked good today. The only problem noted, was some leachate seeps internal to Cell 3. It's been very wet over the last couple of weeks. The LF already addressed some of these internal seeps but I found several more, which I pointed out for Brian Stahly of the LF. Additionally, two internal areas that had been repaired (one in ~ the center of the cell, the other near the NW edge of the fill area) have dark colored liquid, apparently leachate, still present. BECAUSE THESE COMBINED SEEPS ARE INTERNAL AND BECAUSE IT'S BEEN RAINY, I'M NOT REQUIRING REPAIR OF THESE UNLESS THEY PERSIST AFTER OTHER AREAS (NORMAL PUDDLES) DRY OUT. The LF may certainly repair them now, or it may wait and see if they will re-absorb and dissipate. I will re-evaluate these areas at my next visit. I pointed out to Brian some stagnant water with algae growing (in the NW area of the cell near the Cell 2 external slope. NO ACTION NEEDED NOW! BUT IF PUDDLES PERSIST THE LF MAY NEED TO IMPROVE RUN-OFF FROM THIS AREA. ED did not see any active external leachate seeps. The LF has recently fixed seepage on Cell 2. Good.)

• The new Fire Extinguisher contractor, Simplex Gammell has recently re-charged (March 2011) the Fire Extinguishers near the Diesel tanks and shop.

Observer: James P. Wagner, REGIONAL INSPECTOR

Person Interviewed: [Signature]